4/25/84
A2575-1

American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 65 For Week Ended April 13, 1984 NO. 15

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 04/13/84	Last Week Ending: 04/06/84	Last Year Week Ending: 04/15/83	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	12,067	11,887	11,722	180	345
Operable capacity	16,270	16,270	16,854	0	-584
Percent operated	74.2	73.1	69.6		
Motor Gasoline					
Total motor gasoline production	6,646	6,467	6,118	179	528
Finished leaded motor gasoline production	2,660	2,776	2,704	-116	-44
Finished unleaded motor gasoline production	3,986	3,691	3,414	295	572
Total motor gasoline stocks	249,564	244,274	226,019	5,290	23,545
Finished leaded motor gasoline stocks	100,631	100,891	89,579	-260	11,052
Finished unleaded motor gasoline stocks	105,318	100,360	91,412	4,958	13,906
Distillate Fuel Oil					
Distillate fuel oil production	2,406	2,381	2,194	25	212
Distillate fuel oil stocks	102,304	107,069	115,637	-4,765	-13,333
Residual Fuel Oil					
Residual fuel oil production	777	777	998	0	-221
Residual fuel oil stocks	46,148	47,008	47,307	-860	-1,159
Imports					
Crude oil imports	3,554	2,966	2,342	588	1,212
Product imports	1,462	1,301	1,569	161	-107
Crude Oil Stocks					
Crude oil stocks	346,812	339,930	356,475	6,882	-9,663

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 289-6949

NA-Not Available

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,122	1,038	1,059	1,229	86.2
Appal. No. 1	98	94	96	177	54.2
DISTRICT 1 TOTAL	1,220	1,132	1,155	1,406	82.1
Appal. No. 2	55	49	49	66	74.2
Ind., Ill., Ky.	1,784	1,674	1,674	2,356*	71.1*
Minn., Wis., Daks.	295	275	286	296	96.6
Okla., Kans., Mo.	748*	671	673	777	86.6
DISTRICT 2 TOTAL	2,882*	2,669	2,682	3,495*	76.7*
Inland Texas	506	488	493	585	84.3
Texas Gulf Coast	3,155	2,741	2,823	3,907	72.3
La. Gulf Coast	2,129*	2,029	2,039*	2,890	70.6*
N. La. and Ark.	175	157	158	286	55.2
New Mexico	92	85	85	105	81.0
DISTRICT 3 TOTAL	6,057*	5,500	5,598*	7,773	72.0*
DISTRICT 4 TOTAL	399	408	409	536	76.3
DISTRICT 5 TOTAL	2,285	2,185	2,223	3,060	72.6
TOTAL U.S.	12,843	11,894	12,067	16,270	74.2
TOTAL U.S.					
Weeks Ended:					
APR. 6, 1984	12,580*	11,661	11,887*	16,270*	73.1*
APR. 15, 1983	12,742	11,437	11,722	16,854	69.6
DISTRICTS 1-4					
Weeks Ended:					
APR. 13, 1984	10,558	9,709	9,844	13,210	74.5
APR. 6, 1984	10,297*	9,518	9,721*	13,210*	73.6*
APR. 15, 1983	10,569	9,470	9,693	13,771	70.4

* See revisions on page 8.

API WEEKLY STATISTICAL BULLETIN
Week Ended April 13, 1984

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline		Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	586	220	366	7	41	227	85
Appal. No. 1	34	15	19	1	--	26	6
DISTRICT 1 TOTAL	620	235	385	8	41	253	91
Appal. No. 2	31	14	17	1	--	10	1
Ind., Ill., Ky.	1,162	426	736	2	83	311	38
Minn., Wis., Daks.	162	67	95	4	21	75	7
Okla., Kans., Mo.	358*	187*	171*	9	20	166*	14
DISTRICT 2 TOTAL	1,713*	694*	1,019*	16	124	562*	60
Inland Texas	290	153	137	21	17	119	33
Texas Gulf Coast	1,500	552	948	9	180	554	200
La. Gulf Coast	1,143	435	708	17	214	362	64
N. La. and Ark.	60	26	34	3	--	48	8
New Mexico	38	23	15	15	2	27	1
DISTRICT 3 TOTAL	3,031	1,189	1,842	65	413	1,110	306
DISTRICT 4 TOTAL	206	120	86	13	28	102	12
DISTRICT 5 TOTAL	1,076	422	654	41	231	379	308
TOTAL U.S.	6,646	2,660	3,986	143	837	2,406	777
TOTAL U.S. Weeks Ended:							
APR. 6, 1984	6,467*	2,776*	3,691*	181	825	2,381*	777
APR. 15, 1983	6,118	2,704	3,414	178	790	2,194	998
DISTRICTS 1-4 Weeks Ended:							
APR. 13, 1984	5,570	2,238	3,332	102	606	2,027	469
APR. 6, 1984	5,487*	2,329*	3,158*	140	620	2,014*	478
APR. 15, 1983	5,192	2,265	2,927	142	577	1,915	622

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.
[2]Includes Grade No. 4 fuel oil.

NA-Not Available

*See Revisions on page 8

API WEEKLY STATISTICAL BULLETIN
Week Ended April 13, 1984

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	5,288	2,929	2,358	1	111	568	3,279	1,273	--
Central Atlantic	35,120	15,145	14,408	5,567	186	4,800	16,792	17,257	14,551
Lower Atlantic	27,724	12,032	15,480	212	363	3,378	11,447	3,985	541
DISTRICT 1 TOTAL	68,132	30,106	32,246	5,780	660	8,746	31,518	22,515	15,092
DISTRICT 2 TOTAL	71,959	31,962	31,835	8,162	1,561	7,453	32,406	3,905	19,710
DISTRICT 3 TOTAL	73,354	25,768	27,425	20,161	2,036	10,721	23,605	10,329	50,914
DISTRICT 4 TOTAL	8,616	4,197	2,165	2,254	304	862	3,461	497	2,859
DISTRICT 5 TOTAL	27,503	8,598	11,647	7,258	1,625	6,124	11,314	8,902	26,960
TOTAL U.S.	249,564	100,631	105,318	43,615	6,186	33,906	102,304	46,148	115,535
TOTAL U.S.									
Weeks Ended:									
APR. 6, 1984	244,274	100,891	100,360	43,023	6,674	34,356	107,069	47,008	112,518
APR. 15, 1983	226,019	89,579	91,412	45,028	6,935	35,733	115,637	47,307	113,238
DISTRICTS 1-4									
Weeks Ended:									
APR. 13, 1984	222,061	92,033	93,671	36,357	4,561	27,782	90,990	37,246	88,575
APR. 6, 1984	217,567	92,834	89,630	35,103	4,841	28,803	95,987	38,142	85,215
APR. 15, 1983	199,305	80,855	80,715	37,735	5,218	29,417	103,972	37,788	85,035

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil

NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended April 13, 1984

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Latest Dept. of Energy Nov. 1983	Crude Oil Imports[1] Total	From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
APR. 13, 1984	5,824.8	5,903.0	3,364	334	266,295
APR. 6, 1984	5,822.3*	--	2,795	164	256,529
MAR. 30, 1984	5,822.3*	--	3,034	358	252,177
MAR. 23, 1984	5,822.3*	--	3,118	356	249,539
DISTRICT 5 TOTAL					
APR. 13, 1984	2,890.4	2,834.0	190	22	80,517 ‡
APR. 6, 1984	2,687.4*	--	171	--	83,401
MAR. 30, 1984	2,687.4*	--	169	22	79,139
MAR. 23, 1984	2,687.4*	--	290	23	76,491
TOTAL U.S.					
APR. 13, 1984	8,715.2	8,737.0	3,554	356	346,812 ‡
APR. 6, 1984	8,509.7*	--	2,966	164	339,930
MAR. 30, 1984	8,509.7*	--	3,203	380	331,316
MAR. 23, 1984	8,509.7*	--	3,408	379	326,030
APR. 15, 1983	8,717.0 /a	--	2,342	180	356,475

‡INCLUDES 24,364 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

/a - DOE actual for April 1983.
* - Revised as shown above.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1–4	District 5	Total U.S.
Weeks Ended:							
APR. 13, 1984	16,357	76,481	158,699	14,758	266,295	80,517 ‡	346,812 ‡
APR. 6, 1984	15,405	75,438	151,397	14,289	256,529	83,401	339,930
APR. 15, 1983	17,956	78,403	155,011	15,476	266,846	89,629	356,475

[1]See definitional notes, Page 6.

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	L.P.G.	Unfinished Oil[3]	Other	Total
New England	33	--	33	--	--	--	95	--	--	--	128
Central Atlantic	154	57	97	--	25	119	134	6	113	77	628
Lower Atlantic	63	63	--	--	--	--	152	--	--	--	215
DISTRICT 1 TOTAL											
APR. 13, 1984	250	120	130	--	25	119	381	6	113	77	971
APR. 6, 1984	215	72	143	--	33	115	465	12	76	--	916
MAR. 30, 1984	313	89	224	--	28	105	631	22	185	--	1,284
MAR. 23, 1984	287	125	162	--	40	122	516	13	181	150	1,309
DISTRICTS 2-4 TOTAL											
APR. 13, 1984	12	12	--	33	--	26	103	113	98	28	413
APR. 6, 1984	11	11	--	--	--	--	45	150	104	4	314
MAR. 30, 1984	16	16	--	--	--	10	53	246	82	--	407
MAR. 23, 1984	17	16	1	--	--	10	50	199	34	68	378
DISTRICT 5 TOTAL											
APR. 13, 1984	28	10	18	--	2	4	18	16	--	10	78
APR. 6, 1984	23	6	17	--	--	--	18	13	--	17	71
MAR. 30, 1984	46	29	17	--	2	3	18	14	--	21	104
MAR. 23, 1984	30	12	18	--	2	3	16	17	--	66	134
TOTAL U.S.	290	142	148	33	27	149	502	135	211	115	1,462
TOTAL U.S. Weeks Ended:											
APR. 6, 1984	249	89	160	--	33	115	528	175	180	21	1,301
MAR. 30, 1984	375	134	241	--	30	118	702	282	267	21	1,795
MAR. 23, 1984	334	153	181	--	42	135	582	229	215	284	1,821
APR. 15, 1983	222	155	67	--	9	72	816	212	117	121	1,569

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Includes Grade No. 4 fuel oil.

[3]See definitional notes, Page 6.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

ESTIMATED DAILY AVERAGE PRODUCTION OF CRUDE OIL AND LEASE CONDENSATE

(In thousands of 42—gallon barrels)

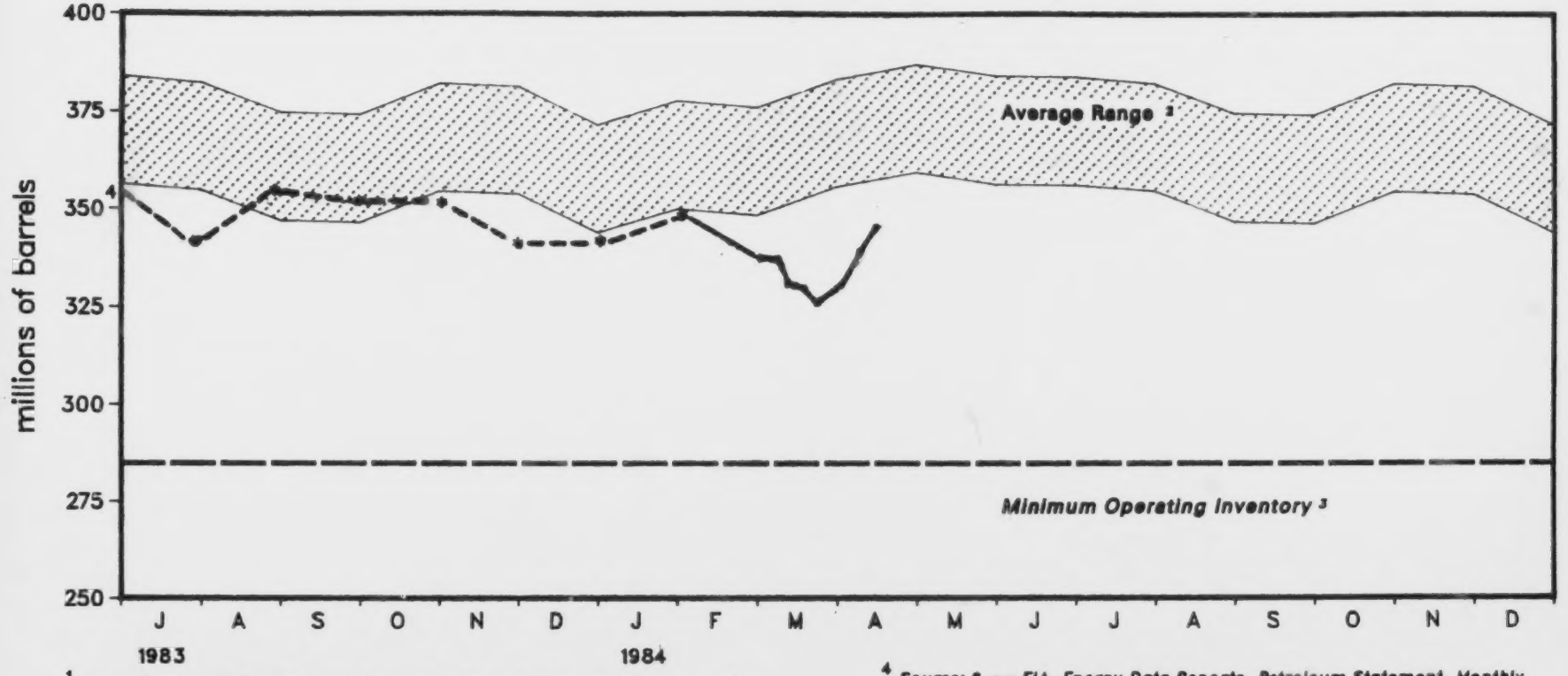
	API Estimated Production		Dept. of Energy
	March 1984	February 1984	Nov. 1983
Florida	49.0	49.0	47.0
New York-Pennsylvania	14.0	14.0	14.0
Virginia	-	-	-
West Virginia	8.0	7.0	9.0
Illinois	80.0	79.0	79.0
Indiana	15.0	14.0	15.0
Kansas	196.0	195.0	198.0
Kentucky	21.0	22.0	21.0
Michigan	88.0	88.0	87.0
Missouri-Tennessee	3.0	4.0	3.0
Nebraska	18.0	17.0	17.0
Ohio	40.0	40.0	40.0
Oklahoma	435.0	432.0	462.0
North Dakota	138.0	136.0	139.0
South Dakota	3.3	3.3	3.0
Alabama	51.0	49.0	52.0
Arkansas	52.0	52.0	52.0
Mississippi	88.0	86.0	89.0
New Mexico-So. East	186.0	191.0	192.0
New Mexico-Other	18.0	17.5	18.0
North Louisiana	93.0	94.0	93.0
South Louisiana	1,240.0	1,220.0	1,261.0
Total Louisiana	1,333.0	1,314.0	1,354.0
Texas			
District 1	66.0	65.0	67.0
District 2	110.0	108.0	112.0
District 3	345.0	350.0	334.0
District 4	75.0	73.0	77.0
District 5	23.0	22.0	25.0
District 6, East Texas Field	136.0	136.0	138.0
Other	112.0	111.0	116.0
District 7-B	89.0	87.0	96.0
District 7-C	90.0	90.0	93.0
District 8 and 8-A	1,231.0	1,233.0	1,235.0
District 9	103.0	101.0	107.0
District 10	55.0	54.0	60.0
Total Texas	2,435.0	2,430.0	2,460.0
Colorado	79.0	79.0	84.0
Montana	83.0	84.0	79.0
Utah	79.0	79.0	79.0
Wyoming	310.0	310.0	310.0
Total Dists. 1-4	5,822.3	5,791.8	5,903.0
Alaska	1,570.4	1,753.1	1,720.0
Arizona	1.0	1.0	1.0
California	1,113.0	1,114.0	1,110.0
Nevada	3.0	2.0	3.0
Total Dist. 5	2,687.4	2,870.1	2,834.0
Total U.S.	8,509.7	8,661.9	8,737.0

REVISIONS

04/06/84	PAGE 1	TOTAL REFINERY INPUT	OKLA., KANS., MO.	698
			DISTRICT 2 TOTAL	2,928
			LA. GULF COAST	2,112
			DISTRICT 3 TOTAL	5,974
			TOTAL U.S.	12,580
			DISTRICTS 1-4	10,297
		INPUT TO CRUDE OIL	LA. GULF COAST	1,999
			DISTRICT 3 TOTAL	5,574
			TOTAL U.S.	11,887
			DISTRICTS 1-4	9,721
		OPERABLE CAPACITY	IND., ILL., KY	2,356
			DISTRICT 2 TOTAL	3,495
			TOTAL U.S.	16,270
			DISTRICTS 1-4	13,210
		% OPERABLE	IND., ILL., KY	76.7
			DISTRICT 2 TOTAL	81.4
			LA. GULF COAST	69.2
			DISTRICT 3 TOTAL	71.7
			TOTAL U.S.	73.1
			DISTRICTS 1-4	73.6
	PAGE 2	TOTAL MGAS	OKLA., KANS., MO.	433
			DISTRICT 2 TOTAL	1,730
			TOTAL U.S.	6,467
			DISTRICTS 1-4	5,487
		LEADED MGAS	OKLA., KANS., MO.	228
			DISTRICT 2 TOTAL	771
			TOAL U.S.	2,776
			DISTRICTS 1-4	2,329
		UNLEADED MGAS	OKLA., KANS., MO.	205
			DISTRICT 2 TOTAL	959
			TOTAL U.S.	3,691
			DISTRICTS 1-4	3,158
		DISTILLATE FUEL	OKLA., KANS., MO.	198
			DISTRICT 2 TOTAL	557
			TOTAL U.S.	2,381
			DISTRICTS 1-4	2,014

April 13, 1984

Crude Oil Stocks at Primary Level [1] [5]



[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1980 – June 1983. The seasonal pattern is based on seven years of monthly data: January 1976 – December 1982.

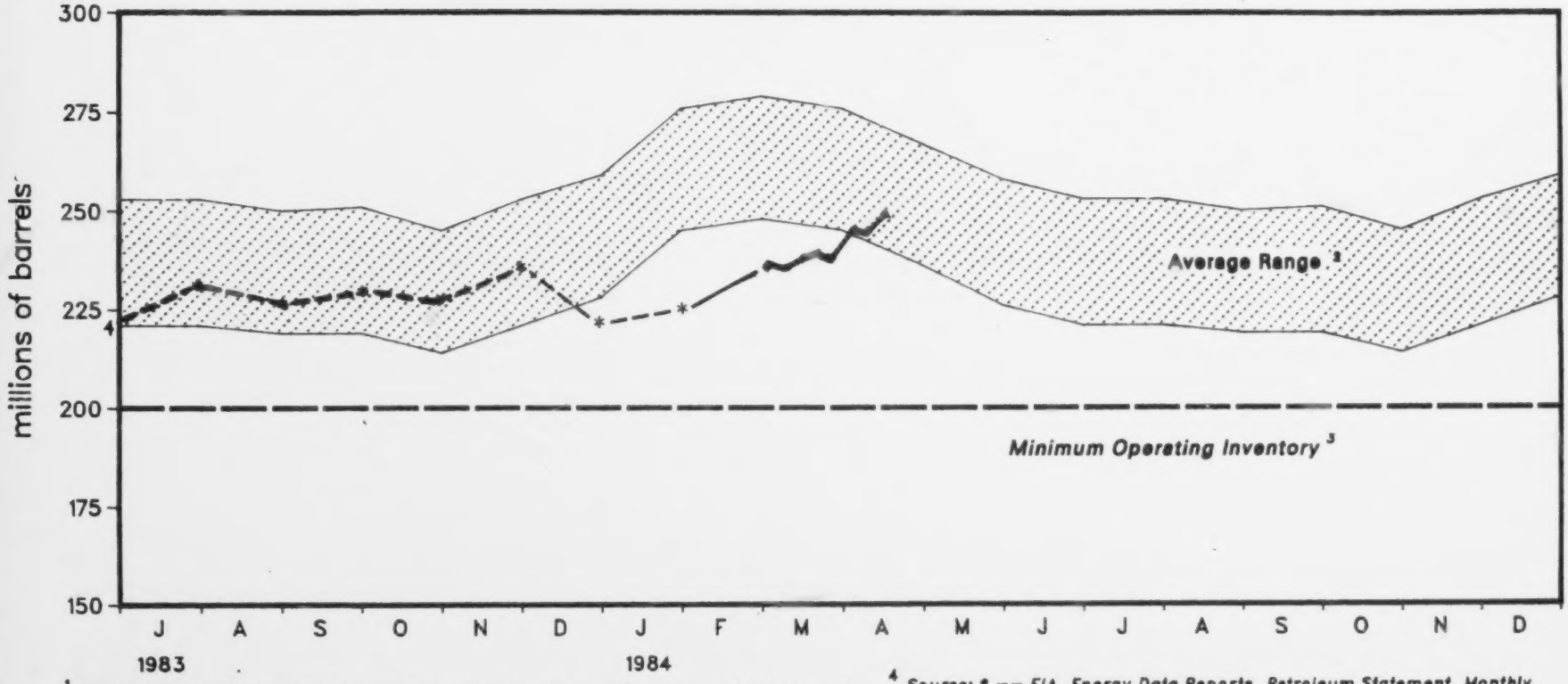
[3] The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for crude oil at 285 million barrels.

[4] Source: • -- EIA, Energy Data Reports, Petroleum Statement, Monthly.
• — API, Weekly Statistical Bulletin.

[5] The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.

April 13, 1984

Motor Gasoline Stocks at Primary Level [1] [5]



[1] *Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.*

[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1980 – June 1983. The seasonal pattern is based on seven years of monthly data: January 1976 – December 1982.*

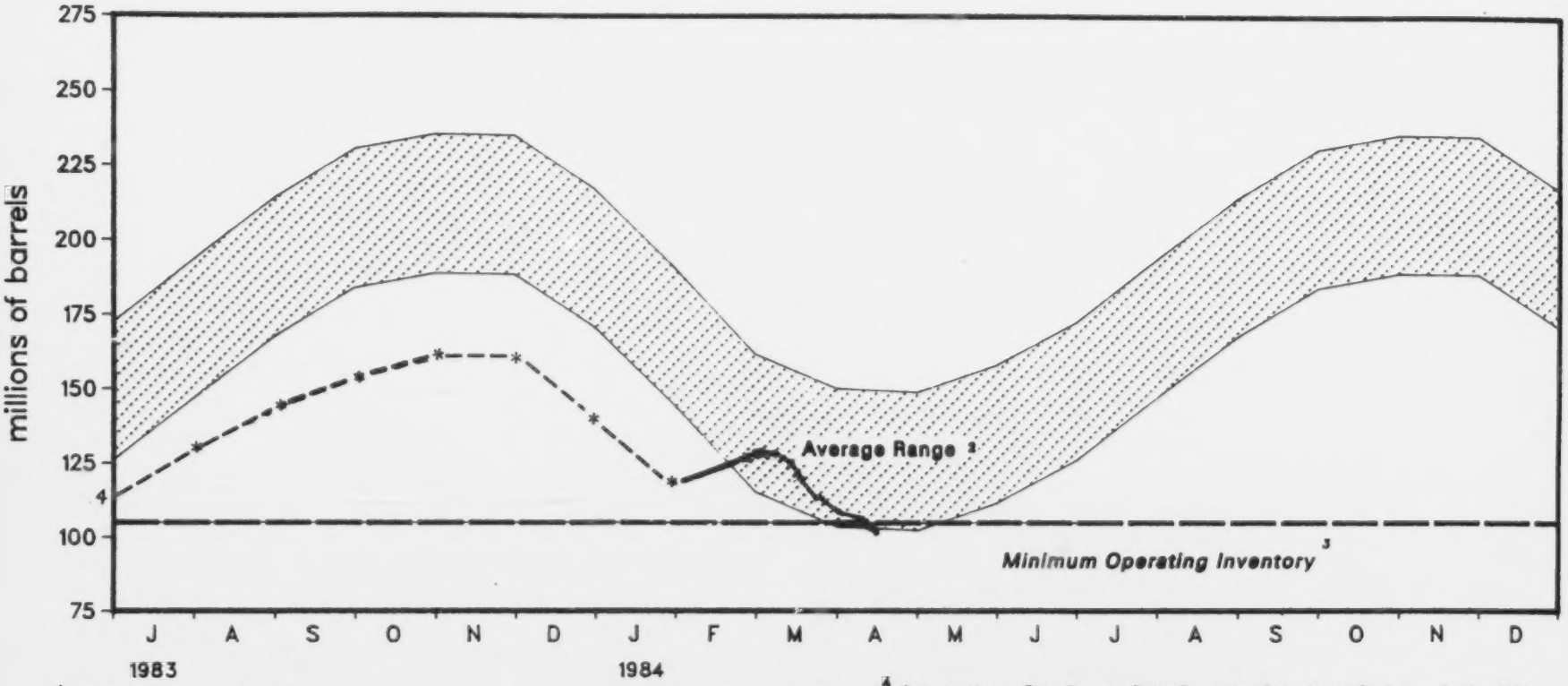
[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for motor gasoline at 200 million barrels.*

[4] *Source: * –– EIA, Energy Data Reports, Petroleum Statement, Monthly.*
** — API, Weekly Statistical Bulletin.*

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*

April 13, 1984

Distillate Fuel Oil Stocks at Primary Level [1] [5]



[1] *Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.*

[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1980 – June 1983. The seasonal pattern is based on seven years of monthly data: January 1976 – December 1982.*

[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for distillate fuel oil at 105 million barrels.*

[4] *Source: * -- EIA, Energy Data Reports, Petroleum Statement, Monthly.*
• — API, Weekly Statistical Bulletin.

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*